IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/049,427	Confirmation No. 1087
Applicant	:	Thor	
Filed	:	6 May 2002	
TC/A.U.	:	1617	
Examiner	:	Yong Soo Chong	
Docket No.	:	4220-78-PUS	
Customer No.	:	22442	

Declaration of David A. Rivas, MD
37 CFR 1.132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

I, David A. Rivas, declare as follows:

My curriculum vitae is attached. My employment and educational history is summarized below.

Johnson & Johnson Pharmaceutical Research and Development, Senior Director, Clinical Leader [Reproductive Health/Urology] August 2004-present

GlaxoSmithKline, Director, Discovery Medicine [Urogenital], Cardiovascular & Urogenital Center for Excellence and Drug Discovery November 2003-August 2004

Pfizer, Inc., Director, Global Clinical Research [Urology] April 2003-October 2003

Pharmacia Corporation, Director, Global Clinical Research [Urology]
Associate Director, Global Clinical Research [Urology] Nov. 2000-Dec. 2002

Various Faculty Appointments, 1994-2000

Various Post Graduate Positions, 1984-1994

M.D., Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania, 1980-1984

A.B., Distinction in All Subjects, Cornell University
Ithaca, New York, 1977-1980

1. I have reviewed U.S. Patent Application 10/049,427, the Office Action dated 10/4/2005 and the references cited therein, including the McMahon et al. article cited by the Examiner in the 10/4/05 Office action (McMahon et al., J Urology, v. 161, pp. 1826-30 (1999). Treatment of Premature Ejaculation with Paroxetine Hydrochloride as Needed: 2 Single-Blind Placebo Controlled Crossover Studies).

2. McMahon et al. is a pilot study exploring the merits of paroxetine (an SSRI specifically designed to treat conditions pertaining to mood and affect and which must be administered daily to achieve and maintain the desired therapeutic effect) in the treatment of men suffering with premature ejaculation (PE). The authors study objective is 'to determine whether paroxetine as needed 3-4 hours before sexual intercourse was more efficacious than placebo in the treatment of PE.'

3. McMahon et al. does not provide sufficient information to determine whether the week 1 treatment data of Study 1 are statistically significantly different from the control data. Since McMahon et al. does not state that the week 1 treatment data of Study 1 are statistically significantly different from the control data, I would assume that they are not. Consequently, I would not rely on the week 1 data as demonstrating an increase in ejaculatory latency.

   a. In relation to Study 1, the authors state that "[t]he ejaculatory latency time for groups A and B during treatment with paroxetine as needed was statistically superior to placebo at 2, 3, and 4 weeks ($p<0.001$, table 2, fig. 1)." This statement conveys to me, as one skilled in the art, that the authors do not consider the results at week 1, shown in table 2 and figure 1, to be statistically significant. Based on the authors' characterization of this data, it would be inappropriate for one to conclude that the week 1 data in Study 1 are statistically significant.

   b. The McMahon et al. paper does not provide sufficient information (standard deviation, confidence intervals, median values and range values) to permit interpretation of the week 1 data, particularly because of the

limited sample size and because intravaginal ejaculatory latency times (IELT) tend to be variable and not normally distributed.

c. As one skilled in the art, after reviewing the McMahon et al. paper and understanding that the week 1 data in Study 1 are not statistically significant, it would be inappropriate for one to conclude that the week 1 data demonstrates a statistically significant increase over control data in ejaculatory latency time. Therefore, I would not rely on the week 1 data as demonstrating an increase in ejaculatory latency.

4. McMahon et al.'s conclusions regarding as needed dosing of paroxetine does not allow one skilled in the art to draw any conclusions about whether or not as needed use of paroxetine in the absence of priming doses is efficacious because the "as needed" use of paroxetine in McMahon et al. does not preclude priming doses.

a. As noted above, the study objective of McMahon et al. was 'to determine whether paroxetine as needed 3-4 hours before sexual intercourse was more efficacious than placebo in the treatment of premature ejaculation.'

b. McMahon et al.'s statement that initial daily treatment improves the as needed efficacy of paroxetine was based on a greater mean ejaculatory latency time in Study 2 (initial daily dosing) than in Study 1 (no initial daily dosing). (McMahon et al., p. 1829, col. 1, ll. 20-25);

c. Mean ejaculatory latency time for study Groups A-D is calculated using all data throughout the treatment phases (i.e., multiple instances of intercourse per week over 4 week treatment phases) when paroxetine had been used over a period of time;

d. Paroxetine use throughout a 4 week period, even in Study 1 without prior 2 week daily dosing, is not "in the absence of a priming dose";

e. The McMahon et al. study design did not impose a minimum time interval between intercourse episodes and therefore, paroxetine from one dose that was not cleared from the body could, in combination with a subsequent dose, result in an increase in paroxetine exposure in the patient greater than a single dose, thereby functioning as a priming dose;

f. Therefore, McMahon et al.'s statement that "paroxetine as needed is significantly better if patients are initially treated with the drug daily," which is based on mean ejaculatory latency time, is not relevant to whether paroxetine is effective in the absence of a priming dose because the "as needed" use of paroxetine in McMahon et al. was not designed to avoid a priming dose effect.

5. The present application on p. 19, ll. 20-25 describes as needed dosing in the absence of priming doses. The concept of a priming dose refers to a prior dose of a drug that has not been cleared from the body at the time of administration of a subsequent dose of the drug.

6. There are a number of scientific and methodological issues in McMahon et al. that makes one question the results and therefore, makes it difficult to draw meaningful conclusions from the study regarding the study objective or whether paroxetine can be therapeutically effective as needed in the absence of priming doses, a question that was not even contemplated by the study.

   a. Primary/Secondary Premature Ejaculation. The patient characteristics in McMahon et al. (Table 1) indicate that the study included men with both primary and secondary PE. The paper, however, does not specify how the patients with primary and secondary PE were distributed between Groups A and B. It is unclear, therefore, whether an uneven distribution of primary or secondary PE patients between the Groups may have introduced some bias in the study.

   b. Absence of Adverse Events. McMahon et al. state that there were no side effects reported by the patients taking paroxetine as needed in Study 1 (i.e., no headache, dizziness, somnolence, anorexia, anejaculation, gastrointestinal upset, reduced libido, erectile dysfunction, etc.). This would be unusual for any study and especially unusual for a study with a compound (paroxetine) with known side effects. This result draws into question the integrity of the data collection methods. Therefore, it is difficult to draw meaningful conclusions from the study.

c. Behavior Modification/Bias. There are two examples of potential bias in the McMahon et al. study: clinical investigator (physician) bias due to a lack of blinding of the investigator and patient bias based on stopwatch usage.

i. Blinding. Patients with PE can respond to factors other than pharmaceutical treatment, such as suggestions, even inadvertent, from a physician. The McMahon studies were single-blind studies (the patient is blinded to whether he is taking placebo or drug, but the clinician is not). Therefore, the physicians could have provided inadvertent suggestions to patients that they would or would not see an effect based on whether paroxetine or placebo was being administered, thereby influencing the reported results to show a stronger treatment effect. The McMahon et al. study, being a single blind, rather than a double blind study, calls the results of the study into question, making it difficult to make meaningful conclusions.

ii. Stopwatch Measurement. McMahon et al. did not report the directions for stopwatch measurement of ejaculatory latency time. The manner in which this time interval is measured (e.g., whether the stopwatch is held by the patient or his partner) can introduce bias into reported results, particularly in a single blind study. This factor also raises questions about the reported results making meaningful conclusions based on the study difficult to draw.

d. Pretreatment Values. McMahon et al. report pretreatment values of IELT based on a three week baseline period whereas the pretreatment values of coitus frequency were based on a three month pretreatment period, and the study measures of IELT and coitus frequency are based on one week values. These differences in measurements make meaningful conclusions based on the results difficult.

7. I hereby declare that all statements made herein of my own are true and that all statements made on information and belief are believed to be true; and

further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the subject application or any patent issuing therefrom.

27 July 2006

Date

David A. Rivas, MD

CURRICULUM VITAE 15 September 2005

David A. Rivas, MD
Home Phone: 215-297-5516
Mobile: 215-688-2007
Home Fax: 215-297-5478
Email: davidrivas@comcast.net

Pharmaceutical Industry Experience

Senior Director, Clinical Leader [Reproductive Health/Urology] August 2004-present
Johnson & Johnson Pharmaceutical Research and Deveopment
920 Route 202
Raritan, NJ 08869
Responsibilities
Clinical Development Program Team Leader

- Develop Ph II clinical trials of a compound in the treatment of overactive bladder
- Regulatory submissions/interactions regarding the lead compound
- Submission of electronic IND May 2005
- Development of Clinical Development Plan
- Management of study and clinical activity budgets
- Develop clinical program for alternate indications for the compound
- Development of clinical trial protocols
- Establish and manage budget of clinical trials
- Contribute to Compound Development Team, including clinical report
- Review of candidate compounds for In-Licensing/Due Diligence
- Develop Global Advisory Board and board meetings
- Consultant to early development efforts to develop candidate compounds

Project physician, dapoxetine

- Develop Ph I and III clinical trials of dapoxetine in the treatment of premature ejaculation
- Interactions with regulatory agencies
- Submission of electronic NDA Dec 2004
- Assist with development of Clinical Development Plan
- Management of clinical study budgets
- Develop clinical program for line extension indications for the dapoxetine
- Development of clinical trial protocols
- Initiate and manage clinical trials, including budget
- Monitor and conduct clinical trials
- Contribute to Clinical Development Team
- Participate with KOLs on dapoxetine advisory boards

Director, Discovery Medicine [Urogenital] November 2003-August 2004
Cardiovascular & Urogenital Center for Excellence and Drug Discovery
GlaxoSmithKline
709 Swedeland Road
King of Prussia, Pennsylvania 19406
Responsibilities
Clinical Matrix Team Leader

- Develop Ph II clinical trials of 4 compound for the treatment of overactive bladder and premature labor
- Regulatory submissions/interactions regarding the compounds
- Submission of IND June 2005
- Development of Clinical Development Plan
- Management of study and clinical activity budgets
- Develop clinical programs for the compounds
- Development of clinical trial protocols
- Establish and manage budget of clinical trials
- Contribute to Project Team, including clinical report
- Review of candidate compounds for In-Licensing/Due Diligence
- Develop Global Advisory Board and board meetings
- Consultant to preclinical development efforts to develop candidate compounds
- Develop strategy for urogenital discovery medicine

Director, Global Clinical Research [Urology] April 2003-October 2003
Pfizer, Inc., 100 Route 206 North, Peapack, New Jersey 07977
Director, Global Clinical Research [Urology] Jan 2003-April 2003
Associate Director, Global Clinical Research [Urology] Nov 2000-Dec 2002
Pharmacia Corporation, 100 Route 206 North, Peapack, New Jersey 07977
Responsibilities
Tolterodine Clinical Development Program Team Leader
Initiate, conduct, and report Phase I/II and III clinical trials of tolterodine for voiding dysfunction and incontinence, interactions with regulatory agencies regarding the investigation, registration, and safety of tolterodine

- Development and annual revision of Clinical Development Plan
- Management of budget for all clinical activities
- Develop clinical programs
- Development of clinical trial protocols
- Establish and manage budget of clinical trials
- Monitor and conduct clinical trials
- Compose final clinical trial study reports
- Contribute to Brand Development Team
- Clinical report to Project Development Team
- Review of candidate compounds for In-Licensing Lead Generation Team
- Participate with KOLs on Tolterodine Global and US advisory Boards
- Contribute to regulatory submissions
- Correspondance/Response to regulatory agency inquiries
- Preparation of annual regulatory clinical safety reports

Regulatory submissions
Tolterodine PR Mutual Recognition Procedure – Approval July 11, 2001
Japan NDA submission 26 February 2002
Pediatric sNDA submission 14 October 2003, 6 months exclusivity granted April 2004

Instructional Courses: Drug Development

CRO-Investigator Support Initiative	11/29-12/1/00
PERI Global Clinical Trials	2/21-3/01
PERI Drug Development I	2/5-7/01
PERI Drug Development II	6/11-13/01
DIA Statistics	3/26-7/01
EAGLE Initiative I	3/29-31/01
Franklin-Covey Leadership	5/14-15/01
Decker Speaker Training	5/16/01
Medical Writing I	7/25-6/01
Franklin-Covey WMM	7/23/01
EAGLE Initiative II	8/30-1/01
Success with CROs Training Course	9/24-5/01
Barnett Pediatric Clinical Trials	12/5-7/01
DIA Contemporary Pharmacovigilance and Risk Management	1/14-17/02
DIA Regulatory II: Marketing Application and Post-Approval Phase	2/18-20/02
DIA Japan: Pharmaceutical Development, Registration, and Culture	2/24-5/02
PERI NDA Game: FDA/Industry Interaction in Drug Development	4/3-5/02
Frontline Manager Training	5/9-10/02
Project Leadership Training	8/12-13/02
PERI FDA/Industry Project Management	9/9-11/02
Managing Business Risk	10/23/02
DIA European Regulatory Affairs	11/11/02
Developing a Resilient Organization	12/10/02
DIA Navigating HIPAA Regulations	4/11/03
DIA Pharmacokinetic and Pharmacodynamic Application in the Drug Development Process	4/3-5/2004
PERI Basic Pharmacology Training Course	4/19-21/2004
AAPS/FDA Workshop on Pharmacokinetics and Pharmacodynamics of Drugs in Pregnancy and Lactation	5/3-4/2004
GSK Drug Development Simulation Training	7/27-30/2004
J&J Manager and the Law	9/9-10/2004
J&J On the Starting Blocks Clinical Trial Conduct	10/12-5/2005
J&J MedDRA training	12/16/2004
J&J Presentation Skills	6/8/2005
DIA IND and CTA/NDA Regulatory Affairs Training	8/1-4/2005

Education
M.D., Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania
1980-1984

A.B., Distinction in All Subjects, Cornell University
Ithaca, New York
1977-1980

Post Graduate
Fellowship: Neuro-Urology and Incontinence
Thomas Jefferson University Hospital
Philadelphia, Pennsylvania
1992-1994

Residency: Urology
Thomas Jefferson University Hospital
Philadelphia, Pennsylvania
1987-1991

Assistant Surgeon: Chestnut Hill Hospital
Philadelphia, Pennsylvania
1986-1987

Residency: Surgery
Cooper Hospital/University Medical Center
Camden, New Jersey
1985-1986

Internship: Surgery
Medical College of Pennsylvania
Philadelphia, Pennsylvania
1984-1985

Specialty Review in Urology:
Cook County Graduate School of Medicine
Chicago, Illinois
1991

Faculty Appointments
Assistant Professor of Urology
Department of Urology
Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania
1994-2000

Director, Division of Neuro-Urology
Department of Urology
Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania
1996-2000

Director, Urology Residency Program
Department of Urology
Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania
1995-2000

Director, Transurethral Microwave Thermotherapy Treatment Center
Department of Urology
Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania
1997-2000

Instructor of Urology
Department of Urology
Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania
1992-1994

Faculty, Incontinence Center
Thomas Jefferson University
Philadelphia, Pennsylvania
1992-2000

Attending Physician
Thomas Jefferson University Hospital
Philadelphia, Pennsylvania
1992-2000

Consulting Physician
Magee Rehabilitation Hospital
Philadelphia, Pennsylvania
1993-2000

Consulting Physician
Wills Eye Hospital
Philadelphia, Pennsylvania
1995-2000

Urology Practice
Tri-County Urologic Associates, PC
Pottstown, Pennsylvania
1991-1992

Medical Licensures
New Jersey #MA46969 issued 1985
Pennsylvania #MD034854E issued 1985
Oregon #19179 (inactive) issued 1995
Delaware #C10005641 issued 1999
Drug Enforcement Administration #BR0232506

Certifications
Recertification, American Board of Urology February 28, 2002

Instructor for Physician Certification
Transurethral Microwave Thermotherapy of the Prostate
EDAP/Technomed
Norcross, GA
1997

Fellow, American College of Surgeons
October 26, 1995

Advanced Laser Training Program in
The VersaPulse Select Urology Laser
Temple University Hospital
Philadelphia, Pennsylvania
November 11, 1994

Certification, American Board of Urology February 28, 1993

Operative Laparoscopy for the Urologist
Including Contact Nd:YAG Laser Therapy
Thomas Jefferson University Hospital
Philadelphia, Pennsylvania, 1991

Extracorporeal Shock Wave Lithotripsy
The Mid-Atlantic Kidney Stone Center
Marlton, New Jersey, 1989

Laser Education Program
Thomas Jefferson University
Philadelphia, Pennsylvania, 1989

National Board of Medical Examiners
Philadelphia, Pennsylvania
Diplomate #291267, granted 1985

Professional Societies
American Medical Association
Pennsylvania Medical Society
Montgomery County Medical Society
American Urological Association
Urological Association of Pennsylvania
International Continence Society
Society for Urodynamics and Female Urology
American College of Surgeons
Societe Internationale D'Urologie

Educational programs
Program Director
"Practical Urology for the Primary Care Physician"
Thomas Jefferson University, Philadelphia PA
November 11, 1993

Program Director
"Transurethral Microwave Thermotherapy of the Prostate Using the Prostatron"
Physician Training and Certification Courses
Thomas Jefferson University, Philadelphia PA
8/18/97, 9/22/97, 12/15/97, 2/9/98, 6/15/98

Invited Speaker
"Transurethral Microwave Thermotherapy: Prostasoft 2.0 and 2.5"
"Perioperative Challenges of the New Millenium"
Continuing Medical Education Course
Thomas Jefferson University, Philadelphia, PA
5/14/98

Program Director
"Transurethral Microwave Thermotherapy: Prostasoft 2.0 and 2.5"
Continuing Medical Education/Physician Certification Course
Stanford University, Stanford CA
7/16/99

Invited Speaker
"Sacral Nerve Root Stimulation for the Treatment of Urgency Incontinence" Continuing Medical Education Course
Thomas Jefferson University, Philadelphia, PA
7/15/99

Committees and Academic Services
Committee on Alumni and Public Affairs, Thomas Jefferson University, 1994-2000
Monthly medical student lectures, Jefferson Medical College, 1994-2000
Dean's Committee on Medical Ethics Education, 1996.
Committee on Graduate Medical Education, 1996-2000.
Judge-Resident Essay Prize Competition, Mid-Atlantic Section of the American Urological Association Annual Meeting, Hot Springs, VA, September 1997
Scientific Session Moderator, Mid-Atlantic Section of the American Urological Association Annual Meeting, Hot Springs, VA, September 1997
Committee on Continuing Medical Education 2000-present

National Courses/Conferences
Invited Speaker
"Skeletal muscle-assisted micturition and continence,"
Urology Instructional Course, "State of the Art in Neuro-Urology, Neurostimulation and Neuromodulation"
American Spinal Injury Association 22 nd Annual Meeting
Seattle, WA, April 23, 1996.

Faculty: "Urodynamics"
American Urological Association Postgraduate Course
American Urological Association Surgical Learning Center
Houston, TX, October 12-13, 1996

Faculty: American Urological Association Office of Education
"Bladder dysfunction in neurologic disease: diagnosis and management"
American Urological Association National Convention San Diego CA, June 1998

Faculty: "Advances in Drug Therapies and Drug Delivery Systems"
International Continence Society Instructional Course
International Continence Society Annual Convention
Denver, CO, August 23, 1999

Editorial Article Reviewer
Neurourology and Urodynamics
Journal of Urology
American Journal of Physiology

Grants

"Functional, histological, and Molecular Analysis of Vanilloid Effect on Lower Urinary Tract Dysfunction"
Nemours Foundation
Principal Investigator, 2000

"A Randomized, Parallel-Group, Double-Blind, Placebo-Controlled Study Comparing the Safety, Tolerance, and Efficacy of RTX (resiniferatoxin) Topical Solution in Patients with Detrusor Hyperreflexia"
Afferon Corporation
Principal Investigator, 2000

"A Phase III, Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel Group Study of the Efficacy and safety of Controlled-Release Darifenacin Versus Tolterodine in the Treatment of Subjects with Overactive Bladder"
Pfizer, Inc
Principal Investigator, 2000

"Dose-response Study of SB 223412 Effect on Bladder Function in the Rat Model of Spinal Cord Injury"
SmithKline Beecham Pharmaceuticals
Principal Investigator, 2000

"Prospective Evaluation of the Urethral Drainage Stent (UDS) for Patients with Urinary Retention Secondary to Prostate Obstruction"
Microvasive, Boston Scientific Corporation
Co-investigator 1999 - 2000

"Sacral Nerve Stimulation for Chronic Voiding Dysfunction" Medtronic Grant MDT-103
Medtronic Neurological
Principal Investigator, 1998-9

"Post-approval Sacral Nerve Stimulation Study for the Treatment of Urinary Voiding Dysfunction " Medtronic Grant MDT-103
Medtronic Neurological
Principal Investigator, 1999-2000

"In-Vivo Whole-bladder Response to SB223412 and Capsaicin in the Rat Model of Spinal Cord Injury"
SmithKline Beecham Pharmaceuticals
Principal Investigator, 1998-9

"An Open-label Study to Evaluate Patient Acceptance and Safety of OROS Oxybutynin Chloride in Urge Urinary Incontinence"
Alza Corporation
Principal Investigator, 1998-9

"A Dose Escalating, Single-Blind, Placebo-Controlled Trial Evaluating the Safety, Tolerance, and Effects of Resiniferatoxin"
Afferon Corporation
Principal Investigator, 1997-1999

"Dose Escalation Study of Tolterodine in Patients with Urinary Incontinence"
Pharmacia & Upjohn
Principal Investigator, 1997-8

"Molecular Analysis of Neurogenic Lower Urinary Tract Dysfunction"
Nemours Foundation
Principal Investigator, 1997-2000

"Intravesical Capsaicin for Treatment of Hyperreflexic Bladder"
American Paraplegia Society
Co-Investigator, 1995-1996

"Molecular Analysis of Normal Bladder and Interstitial Cystitis"
Thomas Jefferson University Dean's Overage Research Program
Co-Investigator, 1995-1996

"Bladder Physiology and Functional Recovery after Experimental Spinal Cord Injury"
American Foundation for Urologic Disease
Principal Investigator, 1993-1995

"Comparison of Sphincter Prosthesis and Sphincterotomy"
National Center of Medical Rehabilitation Research at the National Institute of Child Health and Human Development
Co-Investigator, 1993-1996

"Multicenter Open Label Study of the Safety and Efficacy of Oral Lomefloxacin as a Prophylactic Agent in Transrectal Prostate Biopsy"
Searle Pharmaceuticals
Co-Investigator, 1992-1994

"Prospective Evaluation of Terazosin in Spinal Cord Injured Men"
Abbott Pharmaceutical
Co-Investigator, 1992-1994

Honors and Awards

1. 26th Annual Meeting of the American Spinal Injury Association
   2000 Accorda Therapeutics 1st prize winner "Intravesical resiniferatoxin (RTX) treatment of detrusor hyperreflexia: results of a randomized single-blind, placebo-controlled multicenter trial"

2. 2000 Philadelphia Urological Society 2nd place Basic Science Category Resident Essay "Methylprednisolone and mianserin improve recovery of bladder function after spinal cord injury in the rat model"

3. 1999 Philadelphia Urological Society 1st place Basic Science Category Resident Essay "Molecular analysis of bladder smooth muscle actin isomers in a rat model of spinal cord injury."

4. 24th Annual Meeting of the American Spinal Injury Association
   1998 Accorda Therapeutics 1st prize winner
   "Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury"

5. 1997-8 AUA/Circon ACMI Prize Essay Contest, Co-author
   Third Place, Clinical Research Category
   "Sphincter stent versus external sphincterotomy in spinal cord injured men; prospective randomized multicenter trial"

6. 23rd Annual Meeting of the American Spinal Injury Association
   1997 Poster Competition, First Place Award
   "Electrically stimulated skeletal muscle urinary neosphincter for stress urinary incontinence"

7. 22 nd Annual Meeting of the American Spinal Injury Association
   1996 Poster Competition Second Place Award
   "Gracilis urethromyoplasty-the creation of a new autologous urinary sphincter in neurologically impaired patients"

8. 1995 Mid-Atlantic Section of the American Urological Association
   Basic Science Essay-2nd place prize
   "Gracilis muscle dynamic urethral sphincter myoplasty: rat model experience"

9. 1995 Philadelphia Urological Association
   Annual Resident Essay Contest, First Prize, Clinical Research
   "Management of sphincter dyssynergia in SCI men with indwelling catheter using the sphincter stent prosthesis"

10. 21rd Annual Meeting of the American Spinal Injury Association
    1995 Poster Competition, First Place Award
    "Gracilis muscle dynamic urethral sphincter myoplaty: rat model experience"

11. 1994 Philadelphia Urological Association Annual Resident Essay Contest
    Third Prize, Clinical Research
    "Latex allergy in spinal cord injury"

12. 20th Annual Meeting of the American Spinal Injury Association
1994 Poster Competition, First Place Award
"Three year follow-up of the urinary sphincter stent for the treatment of sphincter dyssynergia in spinal cord injury patients"

13. 20th Annual Meeting of the American Spinal Injury Association
1994 Poster Competition, First Place Award
"Complications of vacuum constriction device for treatment of erectile dysfunction in spinal cord injury men"

14. 20 th Annual Meeting of the American Spinal Injury Association
1994 Poster Competition Second Place Award "Detrusor-myoplasty: skeletal muscle wrap of the urinary bladder; animal and clinical experience"

15. 1993 American Urological Association
Jack Lapides Essay Contest on Neuro-Urology/Urodynamics, Grand Prize,
Co-Author "Evaluation of skeletal muscle wrap of the urinary bladder and functional neuromuscular electrical stimulation: detrusor myoplasty"

16. 1993 Philadelphia Urological Association
Annual Resident Essay Contest, Second Prize, Basic Research
"Micturition patterns in rat model spinal cord injury"

17. 1993 World Congress on Endourology
Essay Contest, 1st Prize
"Prospective evaluation of external sphincter prosthesis placement with external sphincterotomy in spinal cord injured men"

18. 1993-95 American Foundation for Urologic Disease
Research Scholar
"Bladder physiology and functional recovery following experimental spinal cord trauma"

Electronic Education

1. Chancellor, M.B., Rivas, D.A.: Urinary Incontinence. Williams & Wilkins' World Wide Web Medical School Education. 1996.

2. Rivas, D.A., Chancellor, M.B.: Benign Prostatic Hyperplasia. Williams & Wilkins' World Wide Web Medical School Education. 1996.

Publications

1. Bagley, DH and Rivas, DA: Upper urinary tract filling defects: flexible ureteroscopic diagnosis. J Urol 143: 1196, 1990.

2. Chancellor, MB, Rivas, DA, Erhard, MJ, Hirsch, IH, Bagley, DH: Flexible cystoscopy during urodynamics of spinal cord injured patients. J Endourology, 7(6); 531-535, 1993.

3. Rivas, DA, Chancellor, MB, Hill, K, Friedman, M: Neurologic manifestations of baclofen withdrawal. J Urol 150: 1903-1905, 1993.

4. Chancellor, MB and Rivas, DA: The American Urological Association symptom index for women with voiding symptoms; lack of specificity for benign prostatic hyperplasia. J Urol 150: 1706-1709, 1993.

5. Chancellor MB, Erhard MJ, Rivas DA: Clinical effect of alpha-1 antagonist terazosin on external and internal urinary sphincter. J American Paraplegia Society, 16:207-214, 1993.

6. Abdill, CK, Rivas, DA, Chancellor, MB: Transurethral placement of external sphincter wire mesh stent for neurogenic bladder. American Association Spinal Cord Injury Nurses 11(2):38-41, 1994.

7. Chancellor, MB, Rivas, DA, Huang, B, Kelly, G, Salzman, SK: Micturition patterns after spinal trauma as a measure of autonomic functional recovery. J Urol 151: 250-254, 1994.

8. Chancellor, MB, Erhard, MJ, Kiilholma, PJ, Rivas, DA: Functional urethral closure with pubovaginal sling for destroyed female urethra after long-term urethral catheterization. Urology 43(4): 499-505, 1994.

9. Chancellor, MB, Rivas, DA, Abdill, CA, Karasick, S, Ehrlich, SM, Staas, WE: Prospective comparison of external sphincter balloon dilitation and prosthesis placement with external sphincterotomy in spinal cord injured men. Arch Physical Med Rehab 75: 297-305, 1993.

10. Chancellor MB, Rivas DA, Liberman SN, Moore J, Staas, WE: Cystoscopic autogenous fat injection for the treatment of vesicoureteral reflux in spinal cord injury. J American Paraplegia Society, 17(4):50-54, 1994.

11. Chancellor MB, Rivas DA, Panzer DE, Friedman M, Staas WE: Prospective comparison of topical minoxidil to vacuum constriction device and intracoporal papaverine injection in the treatment of erectile dysfunction due to spinal cord injury. Urology, 43(3): 365-369, 1994.

12. Chancellor MB, Rivas DA, Salzman SK: Detrusor-myoplasty to restore micturition. Lancet 343:669, 1994.

13. Rivas, DA, Chancellor MB: Complications associated with the use of vacuum constriction devices for erectile dysfunction in the spinal cord injured population. J Am Paraplegia Soc 17:137-140, 1994.

14. Rivas, DA and Chancellor, MB: Prospective comparison of external sphincter prosthesis placement with external sphincterotomy in spinal cord injured men. J Endourol 8:89-93, 1994.

15. Rivas, DA and Chancellor, MB: Flexible cystoscopy in spinal cord injury. Paraplegia 32: 454-462, 1994.

16. Chancellor MB, Rivas DA, Ackman D, Appell RA, Binard J, Boon TB, Roehrborn CG, Chetner MP, Thorndike WC, Defalco A, Mayo M, Gajewski J, Green B, Bennett J, Foote J, Juma S, Linsenmeyer T, McMillan R, Stone A, Vasquez A: Multicenter trials of Urolume^{TM} Endourethral Wallstent^{R} prosthesis for the urinary sphincter in spinal cord injured men. J Urol 152: 924-930, 1994.

17. Chancellor MB, Rivas DA, Keeley FX, Lofti MA, Gomella LG: Similarity of the American Urological Association Symptom Index among men with benign prostatic hyperplasia (BPH), urethral obstruction not due to BPH, and detrusor hyperreflexia without outlet obstruction. Brit J Urol, 74: 200-203, 1994.

18. Rivas, DA and Chancellor, MB: Utility of the American Urological Association symptom index in the diagnosis and treatment of women with voiding dysfunction. Int Urogyn J 5(4): 202-207, 1994.

19. Chancellor, MB, Rivas, DA, and Staas, WE: DDAVP in the urological management of the difficult neurogenic bladder in spinal cord injury: Preliminary report. J Amer Paraplegia Soc 17:165-167, 1994.

20. Shenot, P, Rivas, DA, Kalman, DD, Staas WE, Chancellor, MB: Latex allergy manifested in Urological surgery and care of spinal cord injured patients. Arch Phys Med Rehabilitation 75:1263-5, 1994.

21. Chancellor MB, Acosta R, Rivas DA, Erhard MJ, Moore J, Salzman SK: Detrusor myoplasty and functional neuromuscular electrical stimulation of the urinary bladder after experimental spinal trauma. Neurourology and Urodynamics 13: 547-558, 1994.

22. Chancellor MB, Liu JB, Rivas DA, Karasick S, Alexander A, Martin DM, Bagley DH, Goldberg B: Intraoperative endoluminal ultrasound evaluation of urethral diverticulum. J Urol 153: 72-75, 1994.

23. Gomella LG, Lotfi MA, Rivas DA, Chancellor MB: Contact laser vaporization techniques for benign prostatic hyperplasia. J Endourology 9(2): 117-122, 1995.

24. Rivas, DA, Chancellor, MB, Huang, B, Salzman, SK: Autonomic dysreflexia in a rat model of spinal cord injury and the effect of pharmacologic agents. Neurourology and Urodynamics 14(2): 141-152, 1995.

25. Chancellor MB, Rivas DA, Abdill CK, Staas WE, Bennett CJ, Finocchiaro MV, Razi S, Bennett JK, Green BG, Foote JE, Killorian RW: Management of sphincter dyssynergia using the sphincter stent prosthesis in chronically catheterized SCI men. J Spinal Cord Med 18: 88-94, 1995.

26. Moreno JG, Chancellor MB, Karsick S, King S, Abdill CA, Rivas DA: Improved quality of life and sexuality with continent urinary diversion in quadriplegic women with umbilical stoma. Arch Phys Med & Rehabilitation 76:758-762, 1995.

27. Rivas DA, Karasick S, Chancellor MB: Cutaneous ileocystostomy (a bladder chimney) for the treatment of severe neurogenic vesical dysfunction. Paraplegia 33:530-535, 1995.

28. Rivas DA, Chancellor MB, Liu JB, Hanau C, Bagley DH, Goldberg B: Endoluminal ultrasound and histological evaluation of periurethral collagen injection. J Endourol 10(1): 61-66, 1996.

29. Rivas, DA, Chancellor, MB, Blaivas, JG: Interstitial cystitis, current status of diagnosis and management. Advances in Urology, (Ed) McGuire, EJ, vol 7, 229-259, 1994.

30. Rivas DA, Chancellor MB, Staas WE, Gomella LG: Contact Nd:YAG laser ablation of the external sphincter in spinal cord injured men with detrusor-sphincter dyssynergia. Urology 45(6): 1028-1031, 1995.

31. Rivas DA, Chancellor MB, Huang B, Salzman SK: Erectile response to topical, intraurethral and intracorporal pharmacotherapy in a rat model of spinal cord injury. J Spinal Cord Med, 18(4):245-250, 1995.

32. Chancellor MB, Shenot PJ, Rivas DA, Mandel S, Schwartzman RJ: Urological manifestations of reflex sympathetic dystrophy. J Urol 155: 634-637, 1995.

33. Rivas DA, Chancellor MB, Miettinen M, Gomella LG: Total incontinence secondary to sphincter destruction after prostate cryotherapy. Int. J. Urology, 3: 324-325, 1996.

34. Chancellor MB, Rivas DA: Voiding dysfunction due to spinal cord injury. AUA Update Series 14(35): 283-7, 1995.

35. Rivas DA, Chancellor MB; Neurogenic vesical dysfunction. *In* The evaluation and treatment of the incontinent female patient. Urol Clin NA 22(3):579-91 1995.

36. Liu JB, Alexander AA, Chancellor MB, Merton DA, Rivas DA, Goldberg BB. Endoluminal urethral ultrasound: clinical applications. Radiology 193(P): 168, 1994.

37. Crewalk JA, Shenot PJ, Rivas DA, Chancellor MB. Mixed urinary incontinence secondary to lead poisoning. J Urology 155: 2029, 1996.

38. Fitzpatrick KF, Chancellor MB, Rivas Da, Mandel S, Manon-Espaillat R. Urologic manifestation of spinal cord sarcoidosis. J. Spinal Cord Medicine19:201-203, 1996.

39. Watanabe T, Chancellor MB, Rivas DA, Hirsch IH, Bennett CJ, Finocchiaro MV, Razi S, Bennett JK, Green BG, Foote JE, Killorian W, Juma S, Linsenmeyer T, Lloyd K. Epidemiology of current treatment for sexual dysfunction in spinal cord injured men in the USA model spinal cord injury centers. J Spinal Cord Medicine 19:186-189, 1996.

40. Rivas DA, Chancellor MB, Huang B, Epple E, Figueroa TE: A comparison of bladder rupture pressure after intestinal bladder augmentation (ileocystoplasty) and myomyotomy (autoaugmentation). Urology 48(1): 1996.

41. Rivas DA, Figueroa TE, Chancelor, MB: Bladder autoaugmentation. Techniques in Urol. 1(4): 181-7, 1995.

42. Chancellor MB, Rivas DA, Mulholland SG, Drake WM Jr: The invention of the modern uroflowmeter by Willard Drake Jr at Jefferson Medical College. Urology 51:671-4, 1998.

43. Chancellor MB, Shenot PJ, Hong R, Watanabe T, Rivas DA: Fascial sling correction of kinked efferent limb in patients with continent diversion and catheterization difficulty. J Urol 156: 162-3, 1996.

44. Das A, Chancellor MB, Watanabe T, Sedor J, Rivas DA: Intravesical capsaicin in neurologic impaired patients with detrusor hyperreflexia. J Spinal Cord Medicine 19:190-193, 1996.

45. Shenot PJ, Chancellor MC, Watanabe T, Huang B, Figueroa TE, Salzman SK: In vivo whole bladder response to anticholinergic agents in spinal cord injured injured rats. J Spinal Cord Medicine 20:31-35, 1997.

46. Chancellor, MB, Strup S, Rivas DA, Watanabe T, Gomella LG: Rectus urethromyoplasty of radical prostatectomy anastomosis decreases postoperative incontinence and anastomotic stricture; technique and preliminary results. J Urol 157:371-375, 1997.

47. Chancellor, MB, Rivas DA, Janknegt RA: Gracilis urethromyoplasty: a novel autologous urinary sphincter. Surgical Techniques in Urology 9(1): 2-7, 1996.

48. Chancellor, MB, Rivas DA,Bourgeois IM: LaPlace's law and the risks and prevention of bladder rupture after enterocystoplasty and bladder autoaugmentation. Neurourology and Urodynamics 15: 223-233, 1996.

49. Shenot PJ, Rivas DA, Watanabe T, Kumon H, Chancellor MB: Early predictors of bladder recovery and urodynamics after spinal cord injury. Neurourology & Urodynamics 17:25-30, 1998.

50. Watanabe T, Rivas DA, Smith R, Staas WE, Chancellor MB: The effect of urinary tract reconstruction on neurologically impaired women previously managed with an indwelling urethral catheter. J Urol 156:1926-1928, 1996.

51. Chancellor MB, Rivas DA, Shenot PJ, Schwartzman RJ: Letter to the Editor: Urological manifestations of reflex sympathetic dystrophy. J Urol 156:1782-1783, 1996.

52. Rivas DA, Chancellor MB, McHugh K, Salzman SK: A molecular marker for the development of interstitial cystitis in a rat model: isoactin gene expression. J Urol 157:1937-1940, 1977.

53. Watanabe T, Rivas DA, Huang B, Epple AW, Figueroa TE, Chancellor MB: Gracilis muscle dyamic urethral sphincter myoplasty: rat model experience. J Urol 156:1507-1510, 1996.

54. Fabrizio MD, Chancellor MB, Rivas DA, Richard MD, Intenzo CM: The role of renal scintigraphy in the evaluation of spinal cord injury patients with presumed urosepsis. J Urol 156:1730-1734, 1996.

55. Chancellor MB, Rivas DA, Watanabe T, Bennett JK, Foote JE, Green BG, Kiilorin EW, MacMillan R: Reversible clinical outcome after sphincter stent prosthesis removal. J Urol 155: 1992-1994, 1996.

56. Watanabe T, Rivas DA, Chancellor MB: Urodynamics of spinal cord injury. Urol Clin North America 23(3):459-473, 1996.

57. Chancellor MB, Rivas DA, Manon-Espillant R, Mandel S: Evaluation of the impairment of neurogenic bladder dysfunction. Disability 6(1): 1-17, 1997.

58. Shupp-Byrne D, Chancellor, MB, Das A, Rivas DA, Sedor JF, McCue P, Flood HJ, de Groat W, Jordan ML: Effect of intravesical capsaicin and vehicle on bladder integrity in control and spinal cord injured rats. J Urol 159: 1074-1078, 1998.

59. Chancellor MB, Hong RD, Rivas DA, Watanabe T, Tai HL, Kumon H: Beneficial effect of intranasal desmopressin for men with benign prostatic hyperplasia and nocturia. Techniques in Urology in press, 2000

60. Chancellor MB, Rivas DA, Hong R, Kumon H, Watanabe T, Bourgeois I: Gracilis urethral myoplasty: Preliminary experience using an autologous urinary sphincter for post-prostatectomy incontinence. J Urol 158(4): 1372-5, 1997.

61. Kumon H, Ozawa H, Yokoyama T, Rivas DA, Watanabe T, Chancellor MB: Inguinal cystoceles: a heretofore overlooked etiology for prostatism in men without bladder outlet obstruction. J Urol 159(3): 766, 1998.

62. Chancellor MB, Hong RD, Rivas, DA, Watanabe T, Crewalk JA, Bourgeois I: Gracilis uretromyoplasty-an autologous urinary sphincter for neurologically impaired patients with stress incontinence. J Spinal Cord 35: 546-549, 1997.

63. Watanabe T, Vaccaro AR, Kumon H, Welch WC, Rivas DA, Chancellor MB: High incidence of occult neurogenic bladder dysfunction in neurologically intact patients with thoracolumbar spinal injuries. J Urol 159(3): 965, 1977.

64. Fabrizio MD, Chancellor MB, Rivas DA, Richard MD, Intenzo CM: The role of renal scintigraphy in the evaluation of spinal cord injury patients with presumed urosepsis. *In* Blaufox MD (Ed): Year Book of Nuclear Medicine, 1988.

65. Chancellor MB, Rivas DA, Hong R, Kumon H, Watanabe T, Bourgeois I: Gracilis urethral myoplasty: preliminary experience using an autologous urinary sphincter for post-prostatectomy incontinence. J Urol 158: 1372-5, 1997.

66. Chancellor MB, Rivas DA, Watanabe T, Tai HL, Kumon H: Beneficial effect of intranasal desmopressin for men with benign prostatic hyperplasia and nocturia. Neurourology & Urodynamics, submitted 2000.

67. Chancellor MB, Rivas DA, Manon-Espaillant R, Mandel S: Evaluation of neurogenic bladder dysfunction and disability. Disability 6: 1-17, 1997.

68. Hirsch IH, Huang B, Chancellor MB,Rivas DA, Salzman SK, Jost LK, Evenson DP: Spermatogenesis in early and chronic phases of experimental spinal cord injury in the rodent model. J Andrology 20:63-71, 1999.

69. Chancellor MB, Gajewski J, Ackman CF, Appell RA, Bennett J, Binard J, Boone TB, Chetner MP, Crewalk JA, Defalco A, Foote J, Green B, Juma S, Jung SY, Linsenmeyer TA, MacMillan R, Mayo M, Ozawa H, Roehrborn CG, Shenot PJ, Stone A, Vazquez A, Killorin W, Rivas DA. Long-term followup of the North American multicenter UroLume trial for the treatment of external detrusor-sphincter dyssynergia. J Urol 161(5): 1545-50, 1999.

70. Chancellor MB, Bennettt C, Simoneau AR, Finocchiaro MV, Kline C, Bennet JK, Foote JE, Green BG, Martin SH, Killoran RW, Crewalk JA, Rivas DA. Sphincter stent versus external sphincterotomy in spinal cord injured men: prospective randomized multicenter trial. J Urol 161:1893-8, 1999.

71. Gajewski JB, Chancellor MB, Ackman CFD, Appell RA, Bennet J, Binard J, Boone TB, Chetner MP, Crewalk JA, Defalco A, Foote J, Green B, Juma S, Jung SY, Linsenmeyer TA, Macmillan R, Mayo M, Ozawa H, Roerborn CG, Shenot PJ, Stone A, Vazquez A, Killorin W, Rivas DA. Removal of the Urolume endoprosthesis: experience of the North American study group for detrusor sphincter dyssynergia application. J Urol 163: 773-6, 2000.

72. Hassouna MM, Schmidt RA, Siegel SW, Lycklama a Neyeholt AAB, Elihali MM, van Kerrebroeck PEV, Das AK, Gajewski JB, Janknegt RA, Rivas, DA, Dijkema H, Milam D, Oleson KA. Sacral neuromodulation in the treatment of urgency-frequency symptoms: a multicenter study on efficacy and safety. J Urol submitted 1999.

73. Ozawa H, Jung SY, Frazer MO, Rivas DA, Chancellor MB. Intravesical capsaicin therapy: a review. J Spinal Cord Medicine 22:114-118, 1999.

74. Chancellor MB, Attan A, Rivas DA, Watanabe T, Tai HL, Kumon H. Beneficial effect of intranasal desmopressin for men with benign prostatic hyperplasia and nocturia: preliminary results. Techniques in Urology 5(4): 191-194, 1999.

75. Rivas DA, Bagley D, Gomella LG, Hirsch IH, Hubert C, Lombardo S, McGinnis DE, Mulholland SG, Shenot PJ, Strup SE, Vasavada SP. Transurethral microwave thermotherapy of the prostate without IV sedation: results of a single U.S. center using both low- and high-energy protocols. Techniques in Urology, submitted 1999.

76. Kim JH, Rivas DA, Shenot PJ, Green B, Kennelly M, Erickson J, O'Leary M, Yoshimura N, Chancellor MB. Intravesical resiniferatoxin for refractory detrusor hyperreflexia: A multicenter, blinded, randomized, placebo-controlled trial. J Spinal Cord Medicine 26(4): 358-363, 2003.

Book Chapters

1. Rivas DA, Chancellor MB, Blaivas JG: Interstitial cystitis; current status of diagnosis and management. *In* Mc Guire EJ (Ed): Advances in Urology, Mosby-Year Book, Chicago, IL. vol 7: 229-265, 1994

2. Rivas DA, Chancellor MB: Chapter 1. Neuro-urologic anatomy. *In* Chancellor MB and Blaivas JG (Eds.): Genitourinary Complications in Neurologic Disease. Butterworth Heinemann, Stoneham, MA. 3-8, 1995.

3. Rivas DA, Chancellor MB: Benign prostatic hyperplasia. *In* Conn's Current Therapy, Rakel RE (Ed.) W.B. Saunders, Philadelphia. 627-632, 1995.

4. Rivas DA, Chancellor MB: Chapter 4. Sexual Dysfunction and infertility. *In* Chancellor MB and Blaivas JG (Eds.): Genitourinary Complications in Neurologic Disease. Butterworth Heinemann, Stoneham, MA p33-45, 1995.

5. Rivas DA, Chancellor MB: Chapter 16. Intervertebral disc disease. *In* Chancellor MB and Blaivas JG (Eds.): Genitourinary Complications in Neurologic Disease. Butterworth Heinemann, Stoneham, MA p 165-170, 1995.

6. Chancellor MB, Rivas DA: Chapter 17. Autonomic nervous system dysfunction intervertebral disc disease. *In* Chancellor MB and Blaivas JG (Eds.): Genitourinary Complications in Neurologic Disease. Butterworth Heinemann, Stoneham, MA p171-178, 1995.

7. Chancellor MB, Rivas DA: Chapter 20. Myelodysplasia. *In* Chancellor MB and Blaivas JG (Eds.): Genitourinary Complications in Neurologic Disease. Butterworth Heinemann, Stoneham, MA 195-205, 1995.

8. Chancellor MB, Rivas DA: Current management of detrusor-sphincter dyssynergia. *In* Mc Guire EJ (Ed): Advances in Urology, Mosby-Year Book, Chicago, IL, vol 8, 291-324, 1995.

9. Rivas DA, Chancellor MB: Neurogenic vesical dysfunction. *In* Klutke C, Raz S. (Eds.): Evaluation and Treatment of the Incontinent Female Patient. Urol Clin North America, WB Saunders, Philadelphia 22(3): 579-592, 1995.

10. Rivas DA, Chancellor MB: The management of impotence. *In* Ed Sipski, ML (Ed): Maintaining sexuality with disability and chronic illness: a practitioner's guide. Aspen Publishers, Inc., Gaithersburg MD. 429-464, 1997.

11. Chancellor MB, Rivas DA: Complications related to sphincter stent used for the management of detrusor-sphincter dyssynergia. *In* Yacchia D (Ed.): Stenting the Urological System. Isis Medical Media, Oxford, England 1997.

12. Rivas DA, Chancellor MB: Radiology of specific neuromuscular diseases affecting the urinary tract. *In* Pollack HM, McClennan BL (Eds): Clinical Urography. WB Saunders, Philadelphia In press, 2000.

13. Watanabe T, Rivas, DA, Chancellor MB: Neurogenic voiding dysfunction. *In* Nitti VW (ed): Practical Urodynamics. WB Saunders, Philadelphia. Pp 142-155, 1997.

14. Watanabe T, Rivas DA, Chancellor MB: Neurogenic bladder dysfunction. *In* Blaivas JG (ed): Evaluation and Treatment of Urinary Incontinence. Igaku-Shoin, Inc. New York 1996. Pp 148-167.

15. Mandel S, Manon J, Rivas DA, Chancellor MB: Urology. *In* Hospital Consultation Neurology, Butterworth, Boston 1997.

16. Rivas DA: Neurogenic sexual dysfunction. *In* Continuum, Lifelong Learning in Neurology. Lippincott Williams & Wilkins, Baltimore. Vol 4: 125-145, 1998.

17. Mandel S, Chancellor MB, Manon-Espaillat R, Rivas DA. Urology *In* Hospitalist Neurology. Silverchair, Charlottesville. 597-619, 1998.

18. Rivas DA and Chancellor MB: Sphincterotomy and Sphincter Stent Prosthesis Placement. *In* The Urinary Sphincter Textbook, Marcel Dekker, New York in press, 2000.

Presentations

1. Functional urethral closure with pubovaginal sling for the destroyed female urethra after long-term urethral catheterization. Joint meeting of the American Urogynecology Society and Urodynamic Society, San Antonio, TX, November, 1993.

2. Prospective evaluation of external sphincter prosthesis placement with external sphincterotomy in spinal cord injured men. Presented as Essay Contest 1st Prize Winner to the World Congress on Endourology, Florence, Italy, October, 1993.

3. Complications associated with the use of vacuum constriction devices for erectile dysfunction in the spinal cord injured population. Annual Convention of the American Paraplegia Society, Las Vegas, NV, September, 1993.

4. Autonomic dysreflexia in a rat model of spinal cord injury: effect of pharmacologic agents. Urodynamics Society, American Urological Association Annual Convention, San Antonio, TX, May, 1993.

5. Comparison of erectile response to intraurethral, topical, and intracorporal application of vasoactive substances in the rat model of spinal cord injury. American Spinal Injury Association Annual Convention, Philadelphia, PA, April, 1994.

6. Comparison of the American Urological Association symptom index between women and men. American Urological Association Annual Convention, San Francisco, California, May, 1994.

7. Comparison of erectile response to intraurethral, topical, and intracorporal pharmacotherapy in the rat model of spinal cord injury. American Urological Association Annual Convention, San Francisco, California, May, 1994.

8. DDAVP in the symptomatic management of voiding symptoms in men with benign prostatic hyperplasia. American Urological Association Annual Convention, San Francisco, California, May, 1994.

9. Endoluminal ultrasound evaluation of urethral diverticula and periurethral mass. American Urological Association Annual Convention, San Francisco, California, May, 1994.

10. Comparison of erectile response to intraurethral, topical, and intracorporal pharmacotherapy in the rat model of spinal cord injury.
American Paraplegia Society Annual Convention, Las Vegas, NV, September, 1994.

11. Long-term follow-up of sphincter stent prosthesis in spinal cord injury.
American Paraplegia Society Annual Convention, Las Vegas, NV, September, 1994.

12. Comparison of erectile response to topical and intraurethral application of minoxidil in the rat model of spinal cord injury to that of the clinical response to topical minoxidil in SCI men. Mid-Atlantic Section of the American Urological Association Annual Meeting, Philadelphia, PA, September 23, 1994.

13. A molecular marker for the development of interstitial cystitis in a rat model: isoactin gene expression. NIDDK 1995 Interstitial Cystitis Scientific Research Symposium, National Institutes of Health, Bethesda, MD, January 9, 1995.

14. The effect of myomyotomy on bladder rupture in a rat model of bladder augmentation. Urodynamics Society, American Urological Association Annual Convention, Las Vegas, NV, April 23, 1995.

15. Contact Nd:YAG laser ablation of the external urinary sphincter in spinal cord injured men with detrusor-sphincter dyssynergia. American Urological Association Annual Convention, Las Vegas, NV, April 25, 1995.

16. Isoactin gene expression in the rat model of spinal cord injury; a potential early marker of long-term bladder function and risks. American Urological Association Annual Convention, Las Vegas, NV, April 24, 1995.

17. Epidemiology of current treatment for sexual dysfunction in spinal cord injured men in the model spinal cord injury centers. American Spinal Injury Association Annual Convention, Orlando FL, May 1995.

18. Bladder smooth muscle gene expression in spinal cord injury; potential early marker of long-term bladder function and risks. American Spinal Injury Association Annual Convention, Orlando FL, May 1995.

19. Gracilis muscle dynamic urethral sphincter myoplasty: rat model experience. American Spinal Injury Association Annual Convention, Orlando FL, May 1995.

20. A molecular marker for the development of interstitial cystitis in a rat model: Isoactin gene expression. Mid-Atlantic Section of the American Urological Association Annual Meeting, Southampton, Bermuda, September 19, 1995.

21. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. American Urological Association Annual Convention, Orlando, FL May 1996.

22. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. American Spinal Injury Association Annual Convention, Seattle, WA April 1996.

23. Effect of urinary tract reconstruction in neurologically impaired women. American Spinal Injury Association Annual Convention, Seattle, WA April 1996.

24. Gracilis urethromyoplasty- the creation of a new autologous urinary sphincter in neurologically impaired patients. American Spinal Injury Associationn Annual Convention, Seattle, WA April 1996.

25. Electrically stimulated skeletal muscle urinary neosphincter for stress urinary incontinence. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

26. Intravesical capsaicin for neurogenic bladder dysfunction. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

27. Continuous vs. conventional urodynamic studies in spinal cord injured patients. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

28. Rivas DA, Chancellor MB, Watanabe T, Shenot PJ, Figueroa TE: Methylprednisolone and mianserin improve recovery of bladder function after spinal cord inury in the rat model. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

29. Rivas DA, Chancellor MB, Huang B, Figueroa TE: The effect of myomyotomy, intestinal augmentation, and detrusor-myoplasty on bladder rupture pressure in a rat model of bladder augmentation. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

30. Rivas DA, Watanabe T, Shenot PJ, Huang B, Chancellor MB, Figueroa TE: Pharmacotherapy increases the recovery of bladder function after spinal cord injury in the rat model. Urodynamics Society, American Urological Association Annual Convention, New Orleans, LA April 1997.

31. Rivas DA, Watanabe T, Shenot PJ, Huang B, Figueroa TE, Chancellor MB: Methylprednisolone and mianserin improve recovery of bladder function after spinal cord inury in the rat model. American Urological Association Annual Convention, New Orleans, LA April 1997.

32. Rivas DA, Hong R, Watanabe T, Crewalk J, Quinn D, Bourgeois I, Chancellor MB: An autologous skeletal muscle urinary neosphincter (gracilis urethromyoplasty) for the treatment of incontinence in neurologically impaired patients. American Urological Association Annual Convention, New Orleans, LA April 1997.

33. Rivas DA, Watanabe T, Shenot PJ, Figueroa TE, Chancellor MB. Methylprednisolone and mianserin improve recovery of bladder function after spinal cord injury in the rat model. American Paraplegia Society Annual Convention. Las Vegas, NV Sept 1997.

34. Rivas DA, Shenot PJ, Shupp-Byrne D, McCue P, Sedor J, Chancellor MB, deGroat WC, Fraser MO, Jordan ML. Effects of ethanol and oil vehicles for intravesical capsaicin treatment. American Spinal Injury Association Annual Convention, Cleveland OH March 1998.

35. Rivas DA, Shenot PJ, Figueroa TE, McHugh K, Shupp-Byrne D, Huang B, Chancellor MB. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. American Spinal Injury Association Annual Convention, Cleveland OH March 1998.

36. Rivas, D.A., Shenot, P.J., Stuligowa, K., Quinn, D., Green, B., Fraser, M., Kim, D., Lavelle, J., Erickson, J. deGroat, W.C., and Chancellor, M.B.: Intravesical resinaferatoxin (RTX) treatment of detrusor hyperreflexia: Results of a randomized double-blind, placebo-controlled trial. American Urological Association Annual Convention Dallas, TX, May 1999.

37. Rivas, D.A., Shenot, P.J., Stuligowa, K., Quinn, D., Green, B., Fraser, M., Kim, D., Lavelle, J., Erickson, J. deGroat, W.C., and Chancellor, M.B.: Intravesical resinaferatoxin (RTX) treatment of detrusor hyperreflexia: Results of a randomized double-blind, placebo-controlled trial. Society for Female Urology and Urodynamics, American Urological Association Annual Convention, Dallas, TX, May 1999.

38. Rivas, DA: The vanilloids: capsaicin and resiniferatoxin: novel therapy for the treatment of detrusor hyperreflexia. International Continence Society Annual Convention, Denver, CO Agust 23, 1999.

39. Rivas DA, Shenot PJ, Green B, Frazer MO, deGroat WC, Chancellor MB: Intravesical resiniferatoxin (RTX) treatment of detrusor hyperreflexia: results of a randomized, placebo-controlled, multicenter trial. American Paraplegia Society Annual Convention, Las Vegas NV, September 1999

40. Rivas, DA, Chancellor, MB, Green, B, Quinn D, Shenot, PJ: Intravesical resinaferatoxin (RTX) treatment of detrusor hyperreflexia: Results of a randomized double-blind, placebo-controlled trial. Mid-Atlantic Section of American Urological Association Annual Convention, Hilton Head, SC, October 1999.

41. Rivas DA, Figueroa TE, Hay D, Oh J, Shenot PJ. Evidence for a role of tachykinins in detrusor hyperreflexia: a study of NK3 antagonists in the rat model of spinal cord injury. American Spinal Injury Association Annual Convention, Chicago, IL April 14, 2000.

42. Rivas DA, Shenot PJ, Vasavada SP, Quinn D, Hubert C, Chancellor MB, deGroat WC, Kim DY, Erikson J, Green B, Kennelly M. Intravesical resiniferatoxin (RTX) increases bladder capacity and improves continence in patients with refractory detrusor hyperreflexia: a randomized, blinded, placebo-controlled trial. Society for Urodynamics and Female Urology, American Urological Association Annual Convention, Atlanta, GA April 29,2000.

43. Rivas DA, Schmidt RA, van Kerrebroeck PEV, Janknegt RA, Lycklama a Nijolt AAB, Hassouna MH, Siegel SW, Jonas U, Fowler CJ. Interstim therapy: proper placement in the treatment ladder. American Urological Association Annual Convention, Atlanta, GA May 2,2000.

44. Rivas DA, Shenot PJ, Vasavada SP, Quinn D, Hubert C, Chancellor MB, deGroat WC, Kim DY, Erikson J, Green B, Kennelly M. Intravesical resiniferatoxin (RTX) increases bladder capacity and improves continence in patients with refractory detrusor hyperreflexia: a randomized, blinded, placebo-controlled trial, American Urological Association Annual Convention, Atlanta, GA May 2, 2000.

45. Rivas DA, Figueroa TE, Hay D, Shenot PJ. Evidence for a role of tachykinins in detrusor hyperreflexia: a study of NK3 antagonists in the rat model of spinal cord injury. American Urological Association Annual Convention, Atlanta, GA May 2, 2000.

46. Rivas DA, Shenot PJ. Holmium:YAG laser lithotripsy of bladder calculi in spinal cord injured patients. American Paraplegia Society Annual Conference, Las Vegas, NV Septenber 5, 2000.

47. Rivas DA, Chancellor MB, Sathyan G, Gupta S. Effect on Salivary output following controlled-release oxybutynin and tolterodine. Mid-Atlantic Section of American Urological Association Annual Convention, Rio Grand, PR October 15, 2001.

48. Rivas DA, Gomella LG, Hirsch IH, Strup SE, Shenot PJ, Casale P, Mulholland SG. Transurethral microwave thermotherapy (TUMT) of the prostate without IV sedation: Results of a single US center using both low-energy and high-energy protocols. Mid-Atlantic Section of American Urological Association Annual Convention, Rio Grand, PR October 18, 2001.

49. Rivas DA. Urethral suspension surgery as treatment for post-prostatectomy incontinnce: the new millennnium sling. Invited speaker, Mid-Atlantic Section of American Urological Association Annual Convention, Rio Grand, PR October 18, 2001.

Accepted Abstracts

1. Erhard, MJ, Chancellor, MB, Rivas, DA, Kiilholma, P: Pubovaginal sling for the treatment of destroyed female urethra secondary to long-term foley catheter drainage. American Spinal Injury Association Annual Convention, May 10-12, 1993, San Diego, CA.

2. Chancellor, MB, Rivas, DA, Huang, B, Hirsch, IH, Filmer, RB, Salzman, SK: Micturition patterns after experimental rat model spinal cord injury. American Spinal Injury Association Annual Convention, May 10-12, 1993, San Diego, CA.

3. Chancellor, MB, Liberman, S, Rivas, DA, Moore, J: Autogenous fat injection in the treatment of vesicoureteral reflux in spinal cord injury: preliminary report. American Spinal Injury Association Annual Convention, May 10-12, 1993, San Diego, CA.

4. Erhard, MJ, Chancellor, MB, Rivas, DA, Staas, WE: Evaluation of terazosin for the treatment of voiding dysfunction in spinal cord injury. American Spinal Injury Association Annual Convention, May 10-12, 1993, San Diego, CA.

5. Rivas, DA, Chancellor, MB, Huang, B, Salzman, SK: Autonomic dysreflexia in a rat model spinal cord injury and the effect of pharmacologic agents. Urodynamics Society, American Urological Association Annual Convention, May 15, 1993, San Antonio TX.

6. Huang, B, Rivas, DA, Chancellor, MB: Autonomic dysreflexia in a rat model of spinal cord injury and the effect of pharmacologic agents. American Paraplegia Society Annual Convention, Las Vegas, NV, September 1993. JAPS 16:276, 1993

7. Rivas, DA, Moore, J, Chancellor, MB: Complications of vacuum constriction devices for the treatment of erectile dysfunction in spinal cord injury men. . American Paraplegia Society Annual Convention, Las Vegas, NV, September 1993. JAPS 16:250, 1993

8. Chancellor, MB, Rivas, DA, Acosta, R, Erhard, MJ, Salzman, SK: Detrusor myoplasty: Skeletal muscle wrap of the urinary bladder and functional neuromuscular electrical stimulation. . American Paraplegia Society Annual Convention, Las Vegas, Nevada, September 1993. JAPS 16:273, 1993

9. Abdill, CK, Rivas, DA, Chancellor, MB, : Urodynamic evaluation of spinal cord injured patients using flexible cystoscopy. American Association of Spinal Cord Injury Nurses 1993.

10. Chancellor, MB, Rivas, DA, Karasick, S, Liu, J, Alexander, DA, Merton, DA, Goldberg, BB: Endoluminal ultrasound evaluation of urethral diverticulum and periurethral mass. American Uro-Gynecology Society, San Antonio, TX October 1993.

11. Chancellor, MB, Rivas, DA, Kiilholma, PJ: The application of the new American Urological Association symptom index for women with voiding symptoms. American Uro-Gynecology Society, San Antonio, TX October 1993.

12. Rivas, DA, Erhard, MJ, Killholma, PJ, Chancellor, MB: Functional urethral closure for destroyed female urethra after long-term foley catheterization. American Uro-Gynecology Society, San Antonio, TX October 1993.

13. Hirsch IH, Chancellor MB, Rivas DA, Sedor J, Shupp-Byrne D: Male reproductive rehabilitation: adjunctive diagnostic and therapeutic techniques. American Society of Andrology Annual Convention, Springfield, IL March 1994.

14. Keeley, FX, Chancellor, MB, Rivas, DA, Acosta, R, Erhard, MJ, Salzman, SK: Detrusor myoplasty: skeletal muscle wrap of the urinary bladder; animal and clinical experience. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

15. Chancellor, MB and Rivas, DA: DDAVP in the Urological Management of the difficult neurogenic bladder in SCI. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

16. Erhard, MJ, Liberman, S, Rivas, DA, Keeley, FX, Karasick, S, Chancellor, MB: Cutaneous ileocystostomy (bladder chimney) for the treatment of the end-stage neurogenic bladder. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

17. Chancellor MB, Rivas DA, Panzer DE, Hirsch IH, Staas WE: Topical minoxidil therapy for erectile dysfunction in upper and lower motor neuron spinal cord injury. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

18. Rivas, DA, Chancellor, MB, Erhard, MJ, Huang, B, Hirsch, IH: Comparison of erectile response to intraurethral, topical, and intracorporal application of vasoactive substances in the rat model of spinal cord injury. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

19. Sood OP, Chancellor MB, Rivas DA, Karasick S, Abdill CK, Staas WE, Bennett C, Perkash I: Three year follow-up of the urinary sphincter stent for the treatment of sphincter dyssynergia in spinal cord injury patients. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

20. Weiss, DJ, Chancellor, MB, Rivas, DA, Herbison, GJ, Fried, GW: Correlation of bladder function after spinal cord injury with initial perianal pinprick testing. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

21. Hirsch IH, Shenot PJ, Huang B, Salzman SK, Rivas DA, Chancellor MB: Spermatogenesis in the rodent model following spinal cord injury (SCI). American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

22. Hirsch IH, Chancellor MB, Shenot PJ, Rivas DA, Staas WE: Enhanced fertility in spinal cord injured men following external sphincter reduction procedure. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

23. Hirsch IH, Shenot PJ, Chancellor MB, Rivas DA, Staas WE: Simplified and objective assessment of spermatogenesis in SCI men by flow cytometry analysis (FCA). American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

24. Shenot, P, Rivas, DA, Kalman, DD, Staas, WE, Chancellor, MB: Latex allergy manifested in urological surgery and care of adult spinal cord injured patients. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

25. Moreno, JG, Lofti, A, Rivas, DA, Chancellor, MB: Continent urinary diversion using an umbilical stoma in quadriplegic patients. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

26. Rivas, DA, Keeley, FX, Moore, J, Chancellor, MB: Vacuum constriction device complications in spinal cord injury men. American Spinal Injury Association Annual Convention, Philadelphia, PA April 1994.

27. Das, AK, Chancellor, MB, Rivas, DA, Liu, J, Alexander, A, Karasick, S, Goldberg, B: Endoluminal ultrasound evaluation of urethral diverticula and periurethral mass. American Urological Association Annual Convention, San Francisco, CA May, 1994. J Urol 151:476A, 1994

28. Chancellor, MB, Rivas, DA, Abdill, CK, Bennett, C, Olson, B, Perkash, I: Three year follow-up of the urinary sphincter stent in spinal cord injured men. American Urological Association Annual Convention, San Francisco, CA May, 1994.

29. Shenot, P, Rivas, DA, Kalman, DD, Staas, WE, Chancellor, MB: Latex allergy manifested in urological surgery and care of adult spinal cord injury patients. American Urological Association Annual Convention, San Francisco, CA May, 1994.

30. Erhard, MJ, Liberman, S, Rivas, DA, Keeley, FX, Karasick, S, Chancellor, MB: Cutaneous ileocystostomy (bladder chimney) for the treatment of the end-stage neurogenic bladder. American Urological Association Annual Convention, San Francisco, CA 1994. J Urol 151:511A, 1994.

31. Rivas, DA, Chancellor, MB, Erhard, MJ, Huang, B, Hirsch, IH, Salzman, SK: Comparison of erectile response to intraurethral, topical, and intracorporal pharmacotherapy in the rat model of spinal cord injury. American Urological Association Annual Convention, San Francisco, CA 1994. J Urol 151: 495A, 1994.

32. Keeley, FX, Chancellor, MB, Lofti, A, Gomella, LG, Rivas, DA: Similarity of the American Urological Association symptom index among men with benign prostatic hyperplasia (BPH), urethral obstruction not due to BPH, and detrusor instability without bladder outlet obstruction. American Urological Association Annual Convention, San Francisco, CA 1994. J Urol 151:297A, 1994.

33. Huang, B, Rivas, DA, Chancellor, MB: Comparison of the American Urological Association symptom index between women and men. American Urological Association Annual Convention, San Francisco, CA 1994. J Urol 151: 313A, 1994.

34. Chancellor, MB, Rivas, DA: DDAVP in the symptomatic management of voiding symptoms in men with benign prostatic hyperplasia. American Urological Association Annual Convention, San Francisco, CA 1994. J Urol 151: 507A, 1994

35. Shenot, PJ, Rivas, DA, Mandel, S, Schwartzman, RJ, Chancellor, MB: Urological Manifestations of reflex sympathetic dystrophy versus interstitial cystitis. American Urological Association Annual Convention, San Francisco, CA 1994. J Urol 151: 282A, 1994.

36. Das A, Rivas DA, Karasick S, Chancellor MB: Cutaneous ileocystostomy (bladder chimney) urinary diversion in end-stage neurogenic bladder. American Paraplegia Society Annual Convention, Las Vegas, NV Sept, 1994.

37. Rivas DA, Chancellor MB, Huang B, Salzman SK: Comparison of erectile response to intraurethral, topical, and intracorporal pharmacotherapy in the rat model of spinal cord injury. American Paraplegia Society Annual Convention, Las Vegas, NV Sept, 1994.

38. Weiss DJ, Chancellor MB, Rivas DA, Fried GW: Spinal cord injury and bladder recovery. American Paraplegia Society Annual Convention, Las Vegas, NV Sept, 1994.

39. Huang B, Rivas DA, Salzman SK, Chancellor MB: In-vivo whole bladder spinal cord injury response to anticholinergic agent. American Paraplegia Society Annual Convention, Las Vegas, NV Sept, 1994.

40. Chancellor MB, Rivas DA, Abdil CA: Long-term follow-up of sphincter stent prosthesis in spinal cord injury. American Paraplegia Society Annual Convention, Las Vegas, NV Sept, 1994.

41. Das A, Rivas DA, Chancellor MB, Liu JB, Goldberg B, Alexander AA: Endoluminal ultrasound examination of male and female urethras. Mid-Atlantic Section of American Urological Association Annual Convention, Philadelphia, PA Sept, 1994.

42. Hirsch IH, Huang B, Chancellor MB, Rivas DA, Salzman SK: Rodent spermatogenesis following experimental spinal cord injury: assessment by duel parameter flow cytometry analysis. Mid-Atlantic Section of American Urological Association Annual Convention, Philadelphia, PA Sept, 1994.

43. Rivas DA, Chancellor MB, Huang B, Hirsch IH, Salzman SK: Comparison of the erectile response to the topical and urethral application of minoxidil in the rat model of spinal cord injury to that of the clinical response to topical minoxidil in spinal cord-injured men. Mid-Atlantic Section of American Urological Association Annual Convention, Philadelphia, PA Sept, 1994.

44. Das AK, Sedor JF, Shupp-Byrne D, Chancellor MB, Rivas DA, Hirsch IH: Male reproductive rehabilitation: adjunctive diagnostic and therapeutic techniques. Mid-Atlantic Section of American Urological Association Annual Convention, Philadelphia, PA Sept, 1994.

45. Strup S, Rivas DA, Liu JB, Bagley D, Goldberg B, Chancellor MB: Endoluminal ultrasonographic and histological evaluation of periurethral collagen injection. Mid-Atlantic Section of American Urological Association Annual Convention, Philadelphia, PA Sept, 1994.

46. Chancellor MB, Rivas DA: Three year experience at Thomas Jefferson University with urinary prostate and sphincter stents. Mid-Atlantic Section of American Urological Association Annual Convention, Philadelphia, PA Sept, 1994.

47. Rivas DA, McHugh KM, Chancellor MB, McCue P, Salzman SK. A molecular marker for the development of interstitial cystitis in a rat model: isoactin gene expression. NIDDK 1995 Interstitial Cystitis Scientific Research Symposium, National Institutes of Health, Bethesda, MD Jan 9, 1995.

48. Shupp-Byrne DE, McCue P, Sedor J, Mulholland M, Rivas DA, deGroat WC, Flood HD, Chancellor MB: Acute effect of intravesical capsaicin on bladder mucin/glycosaminoglycan layer in control and spinal cord injured rats. NIDDK 1995 Interstitial Cystitis Scientific Research Symposium, National Institutes of Health, Bethesda, MD Jan 9, 1995.

49. Rivas DA, Chancellor MB, McHugh KM, Salzman SK. Isoactin gene expression in the rat model of spinal cord injury; a potential early marker of long-term bladder function and risks. American Urological Association Annual Convention, Las Vegas, NV April 24, 1995. J Urol 153:264A, 1995.

50. Huang B, Chancellor MB, Rivas DA, Figueroa TE, Salzman SK. The effect of myomyotomy, intestinal augmentation, and detrusor-myoplasty on bladder rupture in a rat model of bladder augmentation. American Urological Association Annual Convention, Las Vegas, NV April 24, 1995. J Urol 153:304A, 1995

51. Rivas DA, Gomella LG, Chancellor MB. Contact Nd:YAG laser ablation of the external urinary sphincter in spinal cord injured men with detrusor-sphincter dyssynergia. American Urological Association Annual Convention, Las Vegas, NV April 25, 1995. J Urol 153: 336A, 1995

52. Chancellor MB, Rivas DA, Staas WE, Bennet CJ, Green BG, Foote JE, Killorian RW. Replacement of the indwelling catheter with the sphincter stent prosthesis in the management of sphincter dyssynergia in SCI men. American Urological Association Annual Convention, Las Vegas, NV April 25, 1995. J Urol 153:336A, 1995.

53. The North American Urolume Study Group: Multiple Urolume endourethral prostheses for the treatment of recurrent bulbar urethral strictures: result of North American Urolume trial. American Urological Association Annual Convention, Las Vegas, NV April 25, 1995. J Urol 153:373A, 1995.

54. The North American Urolume Study Group: Multiple Urolume endourethral prostheses as a treatment for BPH: Three year results. American Urological Association Annual Convention, Las Vegas, NV April 25, 1995. J Urol 153: 436A, 1995

55. Shupp-Byrne D, McCue P, Sedor J, Mulholland M, Rivas DA, deGroat WC, Flood HD, Chancellor MB. Acute effect of intravesical capsaicin on bladder mucin/glycosaminoglycan layer and spinal cord injured (SCI) rats. American Urological Association Annual Convention, Las Vegas, NV April 25, 1995.

56. Hirsch IH, Huang B, Chancellor MB, Rivas DA, Evanson DP, Salzman SK. Spermatogenesis in the rodent model of acute and chronic experimental spinal cord injury (SCI). American Urological Association Annual Convention, Las Vegas, NV April 25, 1995.

57. Chancellor MB, Rivas DA, Abdill CK, King S. Management of sphincter dyssynergia in SCI men with indwelling catheter using the sphincter stent prosthesis. American Spinal Injury Association Annual Convention, Orlando FL May 1995.

58. Rivas DA, Bennet CJ, Bennett JK, Foote JE, Green BG, Hirsch IH, Juma S, Killorian EW, Linsenmeyer T, Lloyd K, Chancellor MB. Epidemiology of current treatment for sexual dysfunction in spinal cord injured men in the model spinal cord injury centers. American Spinal Injury Association Annual Convention, Orlando FL May 1995.

59. Rivas DA, Chancellor MB, McHugh K. Bladder smooth muscle gene expression in spinal cord injury; potential early marker of long-term bladder function and risks. American Spinal Injury Association Annual Convention, Orlando FL May 1995.

60. Chancellor MB, Rivas DA, Figueroa TE, Bourgeois I, Salzman SK. Gracilis muscle dynamic urethral sphincter myoplasty: rat model experience. American Spinal Injury Association Annual Convention, Orlando FL May 1995.

61. Fabrizio MD, Chancellor MB, Rivas DA, Richard MD. The role of renal scintigraphy in spinal cord injured patients with presumed urosepsis. American Paraplegia Society Annual Convention, Las Vegas, NV Sept. 7-9, 1995.

62. Shenot, PJ, Chancellor MB, Rivas DA. Latex allergy related to bladdder management in spinal cord injury patients. 1995 American Paraplegia Society Annual Convention, Las Vegas, NV Sept. 7-9, 1995.

63. McHugh KM, Rivas DA, Salzman SK, Fabrizio MD, Chancellor MB. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. American Paraplegia Society Annual Convention, Las Vegas, NV Sept. 7-9, 1995.

64. Shenot, PJ, Chancellor MB, Shupp-Byrne DE, Rivas DA, Fabrizio MD, deGroat WC, Flood HC. Intravesical capsaicin effect on bladder mucosa in control and spinal cord injured rats. American Paraplegia Society Annual Convention, Las Vegas, NV Sept. 7-9, 1995.

65. Watanabe T, Rivas DA, Huang B, Figueroa TE, Chancellor MB. Gracilis muscle dynamic urethral sphincter myoplasty: rat model experience. Mid-Atlantic Section of American Urological Association Annual Convention, Southampton, Bermuda, Sept 1995.

66. Rivas DA, Chancellor MB, McCue P, McHugh KM,. A molecular marker for the development of interstitial cystitis in a rat model: isoactin gene expression. Mid-Atlantic Section of American Urological Association Annual Convention, Southampton, Bermuda, Sept 1995.

67. Figueroa TE, Chancellor MB, Rivas DA, Huang B. Effect of midazolam on bladder physiology. First International Bladder Symposium, Boston, MA March 28-31, 1996.

68. Figueroa TE, Chancellor MB, Rivas DA, Huang, B. Effect of bladder augmentation on urodynamic parameters and homeostatic balance in the rat. First International Bladder Symposium, Boston, MA March 28-31, 1996.

69. Chancellor MB, Rivas DA, Watanabe T, Bennett JK, Green BG, Foote JE, Killorin RW, MacMillan R. Reversible clinical outcome after sphincter stent removal. American Spinal Injury Association Annual Convention, Seattle WA Apr 22-26, 1996. J Spinal Cord Med, 19:146, 1996.

70. Rivas DA, McHugh KM, Shenot PJ, Watanabe T, Shupp-Byrne D, McCue P, Salzman SK, Chancellor MB. Bladder smooth muscle isoactin gene expression in the rat model spinal cord injury.
American Spinal Injury Association Annual Convention, Seattle WA Apr 22-26, 1996. J Spinal Cord Med, 19:126, 1996.

71. Rivas, D.A., King, S., Abdill, C.K., Shenot, P.S., Watanabe, T., Chancellor, M.B.: Effect of Urinary Tract Reconstruction in Neurologically Impaired Women. American Spinal Injury Association Annual Convention, Seattle WA Apr 22-26, 1996. J Spinal Cord Med, 19:141, 1996.

72. Rivas, D.A., Chancellor, M.B., Shenot, P.S., Figuero, T.E., Watanabe, T., Crewalk, J.A.: Gracilis Urethromyoplasty-The Creation of a New Autologous Urinary Sphincter in Neurologically Impaired Patients.
American Spinal Injury Association Annual Convention, Seattle WA Apr 22-26, 1996. J Spinal Cord Med, 19:161, 1996.

73. Fitzpatrick K, Fabrizio MD, Rivas DA, Chancellor MB. The role of renal scientigraphy in spinal cord injury (SCI) patients with presumed urosepsis. American Urological Association Annual Convention, Orlando, FL May 4-9, 1996. J Urol 155: 434A, 1996.

74. Shenot PS, Rivas DA, McHugh KM, Hong R, Watanabe T, Shupp-Byrne D, McCue P, Salzman SK, Chancellor MB: Analysis of bladder smooth muscle isoactin expression in interstitial cystitis using a semi-quantitative PCR assay. American

Urological Association Annual Convention, Orlando, FL May 4-9, 1996. J Urol 155: 441A, 1996.

75. Watanabe T, Chancellor MB, Rivas DA, Shenot PJ, Crewalk JA, Figueroa TE, Borgois I. Gracilis urethromyoplasty- the creation of a new autologious urinary sphincter in neurologically impaired patients. American Urological Association Annual Convention, Orlando, FL May 4-9, 1996. J Urol 155: 591A, 1996.

76. Sedor JF, Chancellor MB, Rivas DA, Shupp-Byrne D, Hong R, deGroat WC, Flood HD. Intravesical capsaicin in neurologic impaired patients with detrusor hyperreflexia. American Urological Association Annual Convention, Orlando, FL May 4-9, 1996. J Urol., 155: 592A, 1996.

77. Chancellor MB, Rivas DA, Shenot PJ, Bennett C, Finocciaro MV, Razi S, Bennett JK, Green BG, Foote JE, Killorin RW. Prospective randomized multicenter study of sphincter stent versus external sphincterotomy in spinal cord injured patients. American Urological Association Annual Convention, Orlando, FL May 4-9, 1996. J Urol 155: 594A, 1996.

78. Rivas DA, McHugh KM, Shenot PS, Watanabe T, Shupp-Byrne D, McCue P, Salzman SK, Chancellor MB. Bladder smooth muscle isoactin gene expression in the rat model spinal cord injury. American Urological Association Annual Convention, Orlando, FL May 4-9, 1996. J Urol 155:597A, 1996.

79. Rivas DA, Chancellor MB, Watanabe T, Shenot PS, Figueroa TE. Gracilis urethromyoplasty- the creation of a new autologous urinary sphincter in neurologically impaired patients. International Continence Society Annual Convention. Athens, Greece, August 28-30, 1996.

80. Fitzpatrick K, Fabrizio MD, Rivas DA, Chancellor MB. The role of renal scintigraphy in spinal cord injury (SCI) patients with presumed urosepsis. International Continence Society Annual Convention. Athens, Greece, August 28-30, 1996.

81. Rivas DA, King S, Abdill CK, Shenot PJ, Watanabe T, Chancellor MB. Effect of urinary tract reconstruction in neurologically impaired women. International Continence Society Annual Convention. Athens, Greece, August 28-30, 1996.

82. Watanabe T, Rivas DA, Crewalk JA, Shenot PS, Chancellor MB. Effect of urinary tract reconstruction in neurologically impaired women. American Paraplegia Society Annual Convention, Las Vegas, NV Sept 3, 1996.

83. Watanabe T, Chancellor MB, Rivas DA. Gracilis urethromyoplasty- an autologous urinary sphincter in neurologically impaired patients. American Paraplegia Society Annual Convention, Las Vegas, NV Sept 3, 1996.

84. Chancellor MB, Watanabe T, Sedor JF, Shupp-Byrne D, Hong R, Rivas DA. Intravesical capsaicin in neurologic impaired patients with detrusor hyperreflexia. American Paraplegia Society Annual Convention, Las Vegas, NV Sept 3, 1996.

85. Fitzpatrick KK, Chancellor MB, Watanabe T, Crewalk JA, King S, Rivas DA. Continuous versus conventional urodynamic studies in spinal cord injured patients. American Paraplegia Society Annual Convention, Las Vegas, NV Sept 3, 1996.

86. Fitzpatrick KK, Chancellor MB, Watanabe T, Crewalk JA, King S, Rivas DA. Technique of continuous urodynamic and correlation with autonomic dysreflexia in SCI. American Paraplegia Society Annual Convention, Las Vegas, NV Sept 3, 1996.

87. Chancellor MB, Rivas DA, Hong R, Crewalk J, Troy D, Bourgeois. Electrically stimulated skeletal muscle urinary neosphincter for stress urinary incontinence. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

88. Chancellor MB, Rivas DA, Staas WE Jr, Sedor J, Jordan M, de Groat WC. Intravesical capsaicin for neurogenic bladder dysfunction. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

89. Rivas DA, Chancellor MB, Fitzpatrick KK, Crewalk JA, Troy D. Continuous vs. conventional urodynamic studies in spinal cord injured patients. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

90. Rivas DA, Chancellor MB, Watanabe T, Shenot PJ, Figueroa TE. Methylprednisolone and mianserin improve recovery of bladder function after spinal cord injury in the rat model. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

91. Rivas DA, Chancellor MB, Huang B, Figueroa TE. The effect of myomyotomy, intestinal augmentation, and detrusor-myoplasty on bladder rupture pressure in a rat model of bladder augmentation. American Spinal Injury Association Annual Convention, Houston, TX March 1997.

92. Rivas DA, Watanabe T, Shenot PJ, Huang B, Chancellor MB, Figueroa TE. Pharmacotherapy increases the recovery of bladder function after spinal cord injury in the rat model. Urodynamics Society, American Urological Association Annual Convention, New Orleans, LA April 1997.

93. Rivas DA, Watanabe T, Shenot PJ, Huang B, Figueroa TE, Chancellor MB. Methylprednisolone and mianserin improve recovery of bladder function after spinal cord inury in the rat model. American Urological Association Annual Convention, New Orleans, LA April 1997.

94. Rivas DA, Hong R, Watanabe T, Crewalk J, Quinn D, Bourgeois I, Chancellor MB. An autologous skeletal muscle urinary neosphincter (gracilis urethromyoplasty) for the treatment of incontinence in neurologically impaired patients. American Urological Association Annual Convention, New Orleans, LA April 1997.

95. Sedor J, Shupp-Byrne D, McCue P, Rivas DA, Chancellor MB, de Groat WC, Fraser MO, Jordan ML. Effects of ethanol and oil vehicles for intravesical capsaicin treatment. American Urological Association Annual Convention, New Orleans, LA April 1997.

96. Fitzpatrick KJ, Shenot PJ, Rivas DA, Ozawa H, Kumon H, Watanabe T, Chancellor MB. Continuous urodynamic in spinal cord injury (SCI): correlation of autonomic dysreflexia and rectal contractions with detrusor hyperreflexia. American Urological Association Annual Convention, New Orleans, LA April 1997.

97. Chiura A, Shupp-Byrne D, Sedor J, Rivas DA, Mulholland SG, Chancellor MB. What is the major source of GP51 glycoprotein? Study of urine GP51 in control and post cystectomy patients.
American Urological Association Annual Convention, New Orleans, LA April 1997.

98. Flood H, Shupp-Byrne D, Rivas DA, McCue P, Sedor J, Crewalk J, Chancellor MB, de Groat WC, Fraser MO, Fagerli J, Smith DA, Chatlos L, Jordan ML: Intravesical capsaicin for interstitial cystitis.
American Urological Association Annual Convention, New Orleans, LA April 1997.

99. Das A, Shupp-Byrne, Rivas DA, Sedor J, Crewalk J, Flood H, Jordan ML, de Groat WC, Fraser MO, Fagerli J, Chatlos L, Smith D, Chancellor MB. Intravesical capsaicin for neurogenic bladder dysfunction.
American Urological Association Annual Convention, New Orleans, LA April 1997.

100. Watanabe T, Vaccaro AR, Shenot PJ, Rivas DA, Kumon H, Ozawa H, Chancellor MB. High incidence of occult neurogenic bladder dysfunction in neurologically intact patients with thoracolumbar spinal injuries.
American Urological Association Annual Convention, New Orleans, LA April 1997.

101. Chancellor MB, Vivas CA, Rivas DA, Crewalk J, Quinn D, Bennett C, Simoneau A, Finocchiaro MV, Razi S, Downey CA, Bennett JK, Foote JE, Green BG, Killoran W. Urolume stent vs. external sphincterotomy in SCI patients: prospective randomized multicenter study.
American Urological Association Annual Convention, New Orleans, LA April 1997.

102. Rivas DA, Figueroa TE, McHugh KM, Rajan RR, Shenot PJ, Shupp-Byrne D, Huang B, Chancellor MB. The effect of augmentation cystoplasty on bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. Mid-Atlantic Section of the American Urological Association Annual Convention, Hot Springs, VA, Sept 1997.

103. Shenot PJ, Chancellor MB, Rivas DA, Huang B, Figueroa TE, Bourgoise I, Salzman SK. The effect of intestinal segment chosen and detrusor-myoplasty on bladder rupture pressure after intestinal bladder augmentation and autoaugmentation myomyotomy.
American Paraplegia Society Annual Convention, Las Vegas, NV Sept 1997.

104. Rivas DA, Watanabe T, Shenot PJ, Figueroa TE, Chancellor MB. Methylprednisolone and mianserin improve recovery of bladder function after spinal cord injury in the rat model.
American Paraplegia Society Annual Convention, Las Vegas, NV Sept 1997.

105. Karasick S, Rivas D, Shenot PJ, Trabulsi EJ, Chancellor MB: Cystodefecography:an effective tool for delineating pelvic floor weakness. NIDDK Research Workshop: Issues and Opportunities in Urinary Incontinence. Natcher Conference Center, NIH, Bethesda, MD Jan 23-24, 1998.

106. Rivas DA, Shenot PJ, Shupp-Byrne D, McCue P, Sedor J, Chancellor MB, deGroat WC, Fraser MO, Jordan ML. Effects of ethanol and oil vehicles for intravesical capsaicin treatment.
American Spinal Injury Association Annual Convention, Cleveland OH March 1998.

107. Rivas DA, Shenot PJ, Figueroa TE, McHugh K, Shupp-Byrne D, Huang B, Chancellor MB. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury.
American Spinal Injury Association Annual Convention, Cleveland OH March 1998.

108. Shenot PJ, Shupp-Byrne D, Rivas DA, Figueroa TE, Huang B, Chancellor MB. Effects of bladder augmentation on urodynamic parameters and homeostatic balance in the rat model of spinal cord injury.
American Spinal Injury Association Annual Convention, Cleveland OH March 1998.

109. Somogyi G, Rivas DA, Figueroa TE, Shenot PJ, Mitsu Y, Ozawa H, deGroat W, Chancellor MB. Changes in neurotransmitter release and neurally evoked contractions in bladders of spinal cord transected and blunt spinal cord injured rats. American Spinal Injury Association Annual Convention, Cleveland OH March 1998.

110. Vivas CA, Chancellor MB, Bennet C, Simoneau A, Finocchiaro MV, Klein C, Downey CA, Bennet JK, Foote J, Green BG, Killoran RW, Martin SH, Crewalk JA, Rivas DA. Sphincter stent versus external sphincterotomy in spinal cord injured men: prospective randomized multicenter trial. American Urological Association Annual Convention San Diego CA, June 1998.

111. Hong RD, Shenot PJ, Rivas DA, Shupp-Byrne D, Chancellor MB. Bladder smooth muscle isoactin gene expression in relation to detrusor leak point pressure in the spinal cord injured rat model. American Urological Association Annual Convention San Diego CA, June 1998.

112. Shenot PJ, Rivas DA, Shupp-Byrne D, Rajan R, Chancellor MB, Figueroa TE. Bladder smooth muscle isoactin gene expression after augmentation cystoplasty in the rat model of spinal cord injury. American Urological Association Annual Convention San Diego CA, June 1998.

113. Shenot PJ, Figueroa TE, Epple A, Chancellor MB, Rivas DA. Effects of bladder augmentation on urodynamic parameters and homeostatic balance in the rat model of spinal cord injury. Mid-Atlantic Section of the American Urological Association Annual Convention, Palm Beach, FL October 1998.

114. Shenot PJ, Chancellor MB, Rivas DA: Contact Nd-YAG laser external sphincterotomy in spinal cord injured men with detrusor-sphincter dyssynergia. Mid-Atlantic Section of the American Urological Association Annual Convention, Palm Beach, FL October 1998.

115. Rivas DA, Shenot PJ, McHugh K, Chancellor MB, Figueroa TE. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. Mid-Atlantic Section of the American Urological Association Annual Convention, Palm Beach, FL, October 1998.

116. Shenot PJ, Rajan R, Rivas DA. Initial experience with sildenafil in spinal cord injured men with erectile dysfunction. American Spinal Injury Association Annual Cconvention, Atlanta, GA April 1999.

117. Shenot PJ, Chancellor MB, Rivas DA: Contact Nd-YAG laser external sphincterotomy in spinal cord injured men with detrusor-sphincter dyssynergia. American Spinal Injury Association Annual Convention, Atlanta, GA April 1999.

118. Rivas DA, Lee D, McHugh K, Shenot PJ, Shupp-Byrne D, Figueroa TE. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. American Spinal Injury Association Annual Convention, Atlanta, GA April 1999.

119. Rivas DA, Shenot PJ, Green B, Fraser M, deGroat WC, and Chancellor MB. Intravesical resinaferatoxin (RTX) increases maximum cystometric capacity in patients with detrusor hyperreflexia: results of a randomized double-blind, placebo-controlled trial. Society for Urodynamics and Female Urology, American Urological Association Annual Convention, Dallas, TX May, 1999.

120. Shenot PJ, Lee D, McHugh K, Byrne D, Figueroa T.E. and Rivas DA. Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. American Urological Association Annual Convention Dallas, TX May, 1999.

121. Casale P, Shenot PJ, Figueroa TE, Shupp-Byrne D, Sedor J, Trabulsi E, McCue P, and Rivas DA:Apoptosis in bladder smooth muscle after experimental spinal cord injury. American Urological Association Annual Convention, Dallas, TX May,1999.

122. Rivas DA, Shenot PJ, Stuligowa K, Quinn D, Green B, Fraser M, Kim D, Lavelle J, Erickson J, deGroat WC, Chancellor MB. Intravesical resinaferatoxin (RTX) treatment of detrusor hyperreflexia: results of a randomized double-blind, placebo-controlled trial. American Urological Association Annual Convention, Dallas, TX May 1999.

123. Rivas DA, Shenot PJ, Green B, Frazer MO, deGroat WC, Chancellor MB. Intravesical resiniferatoxin (RTX) treatment of detrusor hyperreflexia: results of a randomized, placebo-controlled, multicenter trial. American Paraplegia Society Annual Convention, Las Vegas, NV Sept 1999.

124. Shenot PJ, Lee D, McMonigle D, Rivas DA: Prospective study of sildinafil (Viagra) in spinal cord injured men with erectile dysfunction. American Paraplegia Society Annual Convention, Las Vegas NV, Sept 1999.

125. Shenot PJ, Lee D, Chancellor MB, Rivas DA: Laser sphincterotomy in spinal cord injured men with detrusor-sphincter dyssynergia. American Paraplegia Society Annual Convention, Las Vegas NV, Sept 1999.

126. Lee DA, Shenot PJ, McHugh K, Shupp-Byrne D, Figueroa TE, Rivas DA: Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. American Paraplegia Society Annual Convention, Las Vegas, NV Sept 1999

127. Rivas, DA, Chancellor, MB, Green, B, Quinn D, Shenot, PJ: Intravesical resinaferatoxin (RTX) treatment of detrusor hyperreflexia. Results of a randomized double-blind, placebo-controlled trial. Mid-Atlantic Section of American Urological Association Annual Convention, Hilton Head, SC Oct 1999.

128. Lee D, Shenot PJ, Rajan R, Rivas DA: Prospective study of sildinafil (Viagra) in spinal cord injured men with erectile dysfunction. Mid-Atlantic Section of American Urological Association Annual Convention, Hilton Head, SC, Oct 1999.

129. Lee DA, Shenot PJ, Shupp-Byrne D, Figueroa TE, Rivas DA: Bladder smooth muscle isoactin gene expression in the rat model of spinal cord injury. Mid-Atlantic Section of American Urological Association Annual Convention, Hilton Head, SC Oct 1999.

130. Trabulsi E, Rivas DA, Shenot PJ, Huang B, Figueroa TE, Salzman SK, Chancellor MB: methylprednisolone and mianserin improve recovery of bladder function after spinal cord injury in the rat model. Philadelphia Urological Association Annual Essay Competition, Philadelphia, PA, March 20, 2000

131. Shenot PJ, Casale P, Oh J, Figueroa TE, Shupp-Byrne D, Trabulsi E, McCue P, Rivas DA. Apoptosis of bladder smooth muscle after experimental spinal cord injury. American Spinal Injury Association Annual Convention, Chicago, IL April 2000.

132. Rivas DA, Figueroa TE, Hay D, Oh J, Shenot PJ. Evidence for a role of tachykinins in detrusor hyperreflexia: a study of NK3 antagonists in the rat model of spinal cord injury.
American Spinal Injury Association Annual Convention, Chicago, IL April 2000.

133. Green BG, Bennett J, Finnerty D, Foote J, Killorin W, Rozas K, Martin S, Rivas D, Shenot P, Stuliglowa K, Quinn D, Fraser M, Kim D, Lavelle J, Erickson J, deGroat W, Chancellor M, Kennelly M, Nurkin S. Intravesical resiniferatoxin (RTX) treatment of detrusor hyperreflexia: results of a randomized single-blind, placebo-controlled multicenter trial. American Spinal Injury Association Annual Convention, Chicago, IL April 2000.

134. Rivas DA, Shenot PJ, Vasavada SP, Quinn D, Hubert C, Chancellor MB, deGroat WC, Kim DY, Erikson J, Green B, Kennelly M. Intravesical resiniferatoxin (RTX) increases bladder capacity and improves continence in patients with refractory detrusor hyperreflexia: a randomized, blinded, placebo-controlled trial. Society for Urodynamics and Female Urology, American Urological Association Annual Convention, Atlanta, GA April 29,2000.

135. Rivas DA, Schmidt RA, van Kerrebroeck PEV, Janknegt RA, Lycklama a Nijolt AAB, Hassouna MH, Siegel SW, Jonas U, Fowler CJ. Interstim therapy: proper placement in the treatment ladder. American Urological Association Annual Convention, Atlanta, GA May 2,2000.

136. Rivas DA, Shenot PJ, Vasavada SP, Quinn D, Hubert C, Chancellor MB, deGroat WC, Kim DY, Erikson J, Green B, Kennelly M. Intravesical resiniferatoxin (RTX) increases bladder capacity and improves continence in patients with refractory detrusor hyperreflexia: a randomized, blinded, placebo-controlled trial, American Urological Association Annual Convention, Atlanta, GA May 2, 2000.

137. Rivas DA, Figueroa TE, Hay D, Shenot PJ. Evidence for a role of tachykinins in detrusor hyperreflexia: a study of NK3 antagonists in the rat model of spinal cord injury. American Urological Association Annual Convention, Atlanta, GA May 2, 2000.

138. Rivas DA, Shenot PJ. Holmium:YAG laser lithotripsy of bladder calculi in spinal cord injured patients. American Paraplegia Society Annual Conference, Las Vegas, NV September 5, 2000.

139. Shenot PJ, Rivas DA, Hay D, Huang B. In-vivo study of a novelNK-3 antagonist in experimental detrusor hyperreflexia. American Paraplegia Society Annual Conference, Las Vegas, NV September 5, 2000.

140. Shenot PJ, Chancellor MB, Casale P, Rivas DA. Contact Nd-YAG laser external sphincterotomy in spinal cord injured men with detrusor-sphincter dyssynergia. Mid-Atlantic Section of American Urological Association Annual Convention, Rio Grand, PR October 15, 2000.

141. Rivas DA, Chancellor MB, Sathyan G, Gupta S. Effect on Salivary output following controlled-release oxybutynin and tolterodine. Mid-Atlantic Section of American Urological Association Annual Convention, Rio Grand, PR October 15, 2000.

142. Rivas DA, Gomella LG, Hirsch IH, Strup SE, Shenot PJ, Casale P, Mulholland SG. Transurethral microwave thermotherapy (TUMT) of the prostate without IV sedation: Results of a single US center using both low-energy and high-energy protocols. Mid-Atlantic Section of American Urological Association Annual Convention, Rio Grand, PR October 18, 2000.